

Substitute for Form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

Complete If Known

Application Number	09/895,787
Filing Date	06/30/2001
First Named Inventor:	Emir Gurer
Art Unit	1752
Examiner Name	Gilliam, Barbara Lee
Attorney Docket Number	6601P019X3

Sheet **1** of **3**

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.*	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ¹ (if known)				
3/6		US	3,198,657	08-03-1963	Kimball et al.	
3/6		US	4,551,355	11-05-1985	Ericson et al.	
3/6		US	5,985,363	11-16-1999	Shiau et al.	
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		Country Code‡	Number‡ Kind Code‡ (if known)				
3/6		JP	3-22428 A	01-30-1991	NEC Kyushu Ltd.		X
3/6		JP	4-332116 A	11-19-1992	Mitsubishi Electric Corp.		X
3/6		JP	8-168715 A	07-02-1996	Dainippon Screen Mfg. Co. Ltd.		X
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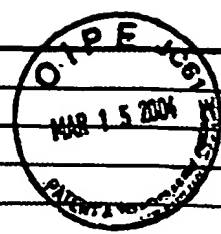
Examiner Signature	<i>Barbara Gilliam</i>	Date Considered	6/10/04
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NON PATENT LITERATURE DOCUMENTS				
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SK		BAGEN, SUSAN, ET AL., Extrusion Coating of Polymer Films for Low-Cost Flat Panel Display Manufacturing, 1996 Display Manufacturing Technology Conference, Digest of Technical Papers, pgs. 35-36 (1996).		
		BIXLER, NATHAN EPHRAIM, Stability Of A Coating Flow, PhD Dissertation submitted to the University of Minnesota, June 1982.		
		BORNSIDE, DAVID, E., ET AL., The effects of gas phase convection on mass transfer in spin coating, Journal of Applied Physics, Vol. 73, No. 2, January 15, 1993, pgs. 585-600, © 1993 American Institute of Physics.		
		BORNSIDE, D.E., ET AL., On the Modeling of Spin Coating, Journal of Imaging Technology, Volume 13, Number 4, August 1987, pgs. 122-130, © 1987, SPSE - The Society for Imaging Science and Technology.		
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		GUTOFF, EDGAR B, ET AL., Coating and Drying Defects, Troubleshooting Operating Problems, Chapter V, pgs. 96-138, A Wiley-Interscience Publication, John Wiley & Sons, New York Chichester Brisbane Toronto Singapore (1992).		
		GUTOFF, EDGAR B., Simplified Design of Coating Die Internals, Journal Of Imaging Science And Technology, Volume 37, Number 6, November/December 1993, pgs. 615-627, © 1993, I S & T - The Society for Imaging Science and Technology.		
		HAFIZI, B., Effects of carrier and dispersion on propagation of a directed electromagnetic pulse, Journal of Applied Physics, Vol. 73, No. 2, January 15, 1993, pgs. 513-521, © 1993 American Institute of Physics.		
		HIGGINS, B.G., ET AL., Capillary Pressure And Viscous Pressure Drop Set Bounds On Coating Bead Operability, Chemical Engineering Science, Vol. 35, pgs. 673-682, Pergamon Press Ltd. 1980; Printed in Great Britain.		



Examiner Signature	<i>S. L. Gilliam</i>	Date Considered	6/10/04
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		LAWRENCE, C.J., The mechanics of spin coating of polymer films, Physics of Fluids, Vol. 31, No. 10, October 1988, pgs. 2786-2795, © 1988 American Institute of Physics.			
		LEE, KWONG-YANG, ET AL., Minimum Wet Thickness In Extrusion Slot Coating, Chemical Engineering Science, Vol. 47, No. 7, pgs. 1703-1713, © 1992 Pergamon Press plc, Printed in Great Britain.			
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		MUES, W., ET AL., Observation of a Dynamic Wetting Process Using Laser-Doppler Velocimetry, AIChE Journal, Vol. 35, No. 9, September 1989, pgs. 1521-1526.			
		RUSCHAK, KENNETH J., Limiting Flow In A Pre-Metered Coating Device, Chemical Engineering Science, 1976, Vol. 31, pgs. 1057-1060, Pergamon Press. Printed in Great Britain.			
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Examiner Signature	Barbara L. Gilliam	Date Considered	4/10/04
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		US-				
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		Country Code ²	Number ³	Kind Code ⁴ (if known)				
86		JP	05-021306		01-29-1993	Cannon Sales Co Inc.		
		JP	02-098126		04-10-1990	Oki Electric Ind Co Ltd		
		JP	04-361524		12-15-1992	Toshiba Corp		
		JP	61-02925		06-14-1984	Toyoda Autom Loom Works Ltd		
86		JP	63-032921		02-12-1988	Daikin Ind Ltd		

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B.L. Gilliam

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SL		JP	05-166712		07-02-1993	Dainippon Screen Mfg Co Ltd		
SL		JP	62-225269		10-03-1987	Hitachi Ltd Hitachi Tobu, Semiconductor Ltd		
SL		JP	05-141058		06-08-1993	Sekisui Chem Co Ltd		

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↓		J. DERKSEN, "A New Coating Method for Semiconductor Lithography: Fluid Layer Overlap in Extrusion-Spin Coating", June 1997, (67 pages total), Massachusetts Institute of Technology.													

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